

Livestock: the global context

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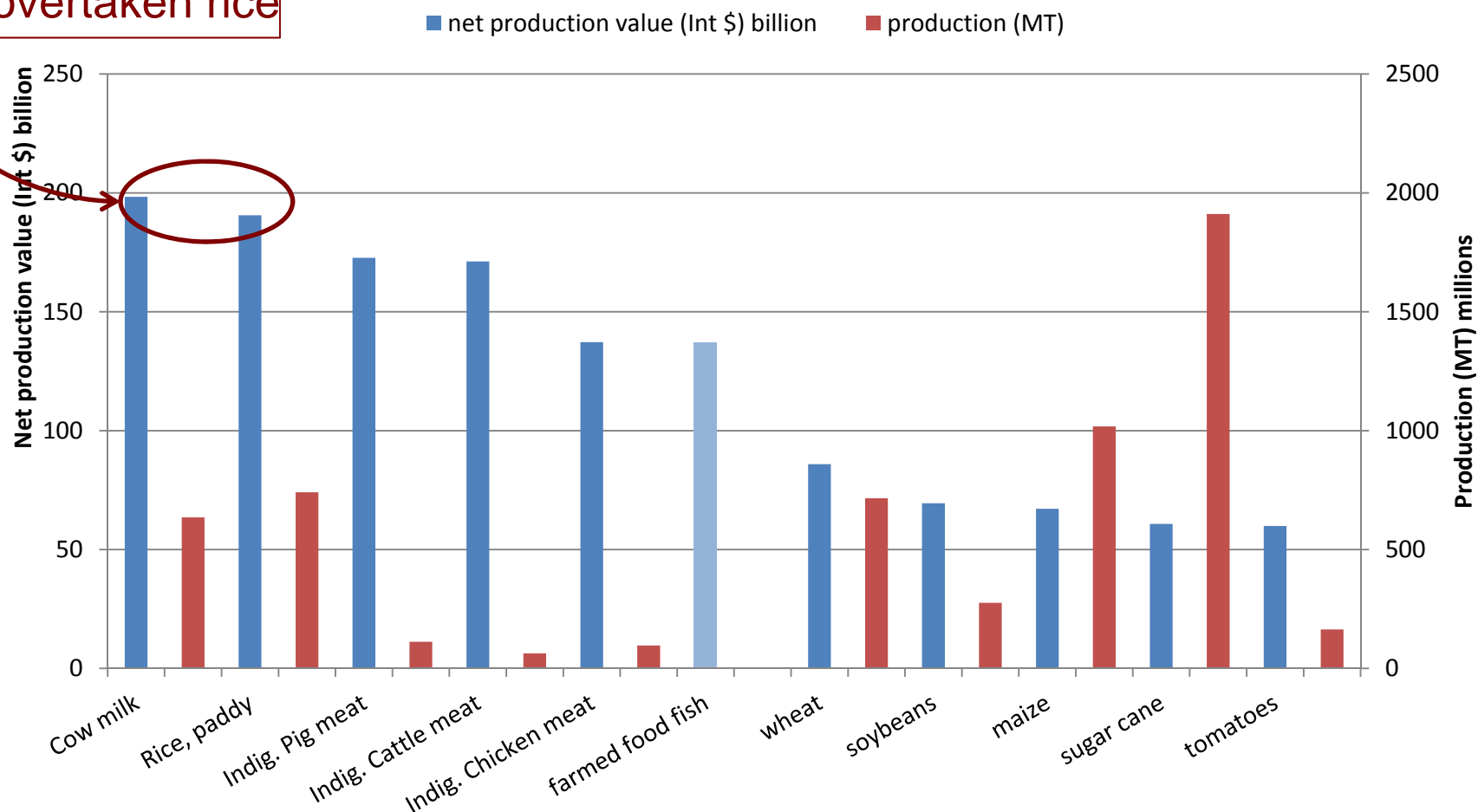
*Livestock advocacy and communications convening
Addis Ababa, Ethiopia
10 – 12 November 2015*



Animal source foods: 5 of 6 highest value global commodities

(total value of these five: US Int \$ 715 billion)

Cow milk has overtaken rice



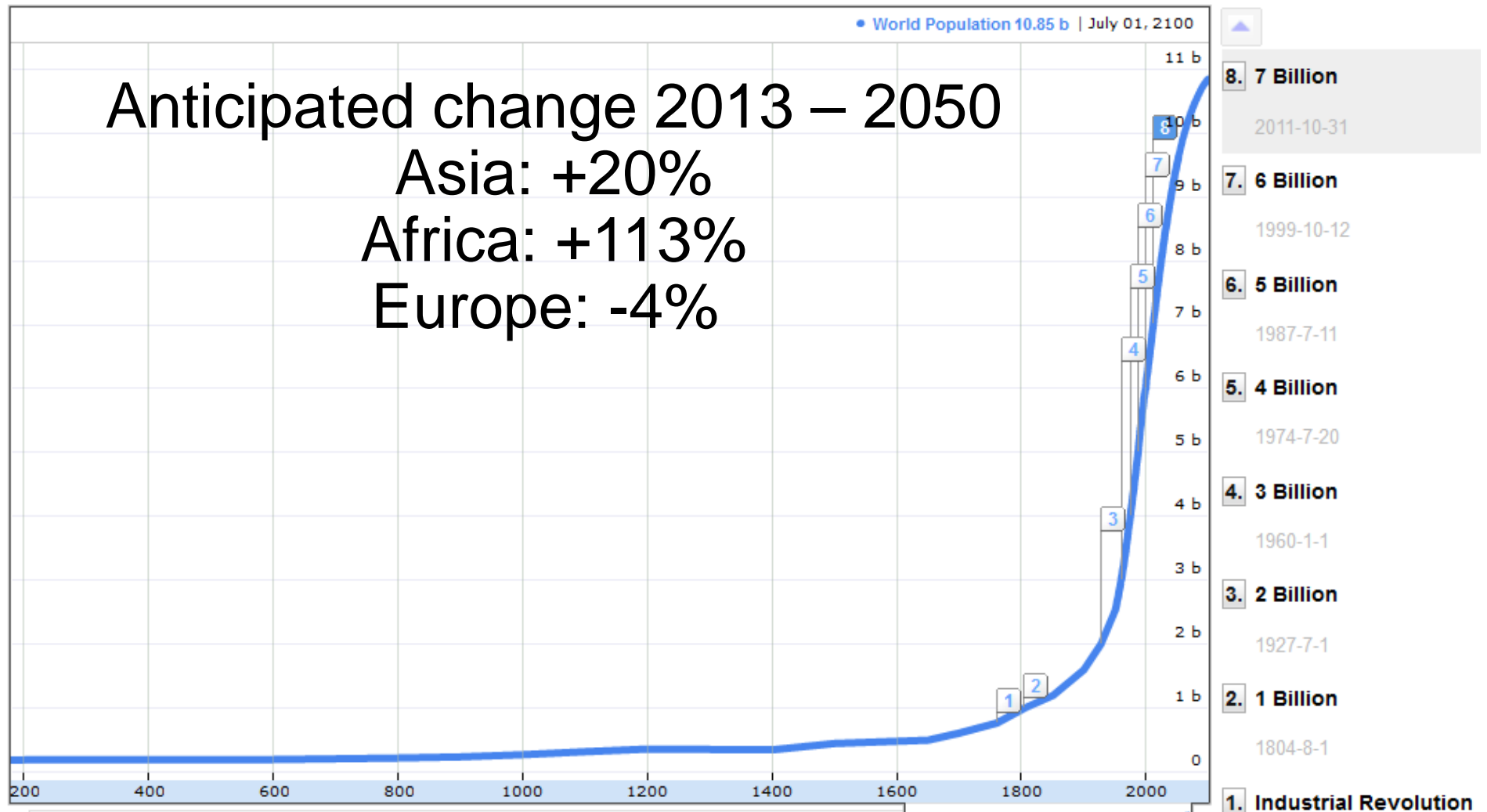
Drivers of change: population

Anticipated change 2013 – 2050

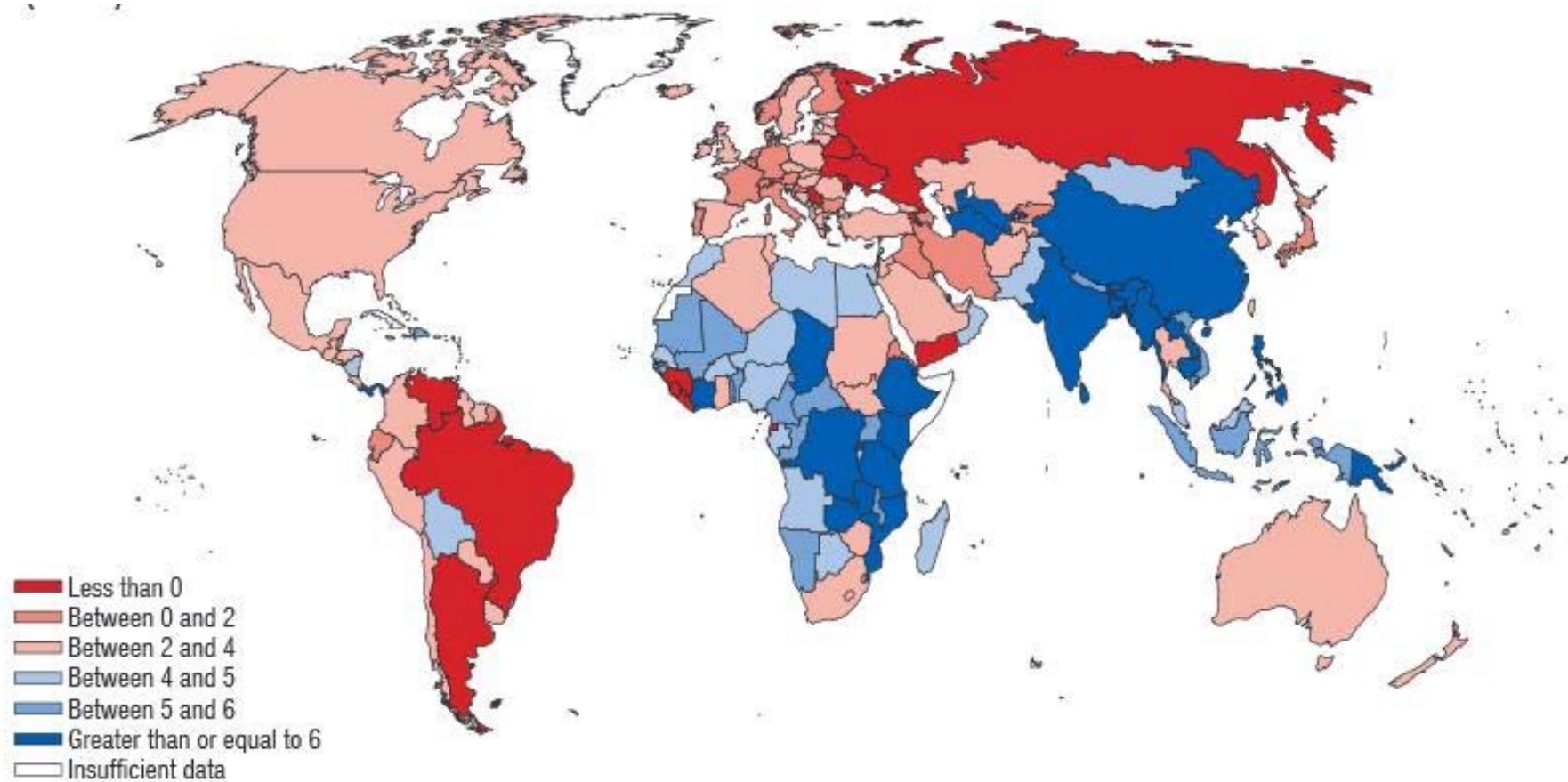
Asia: +20%

Africa: +113%

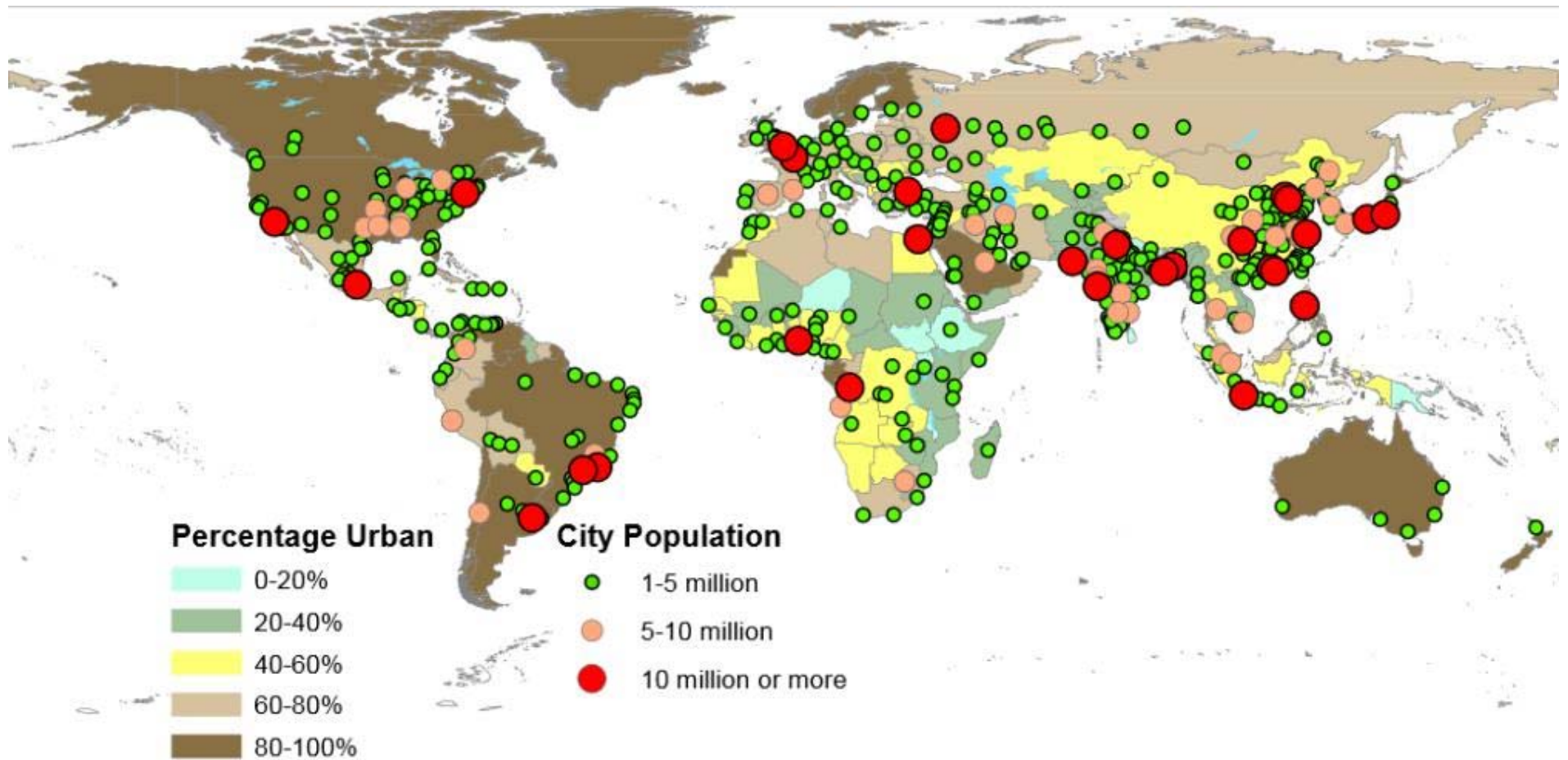
Europe: -4%



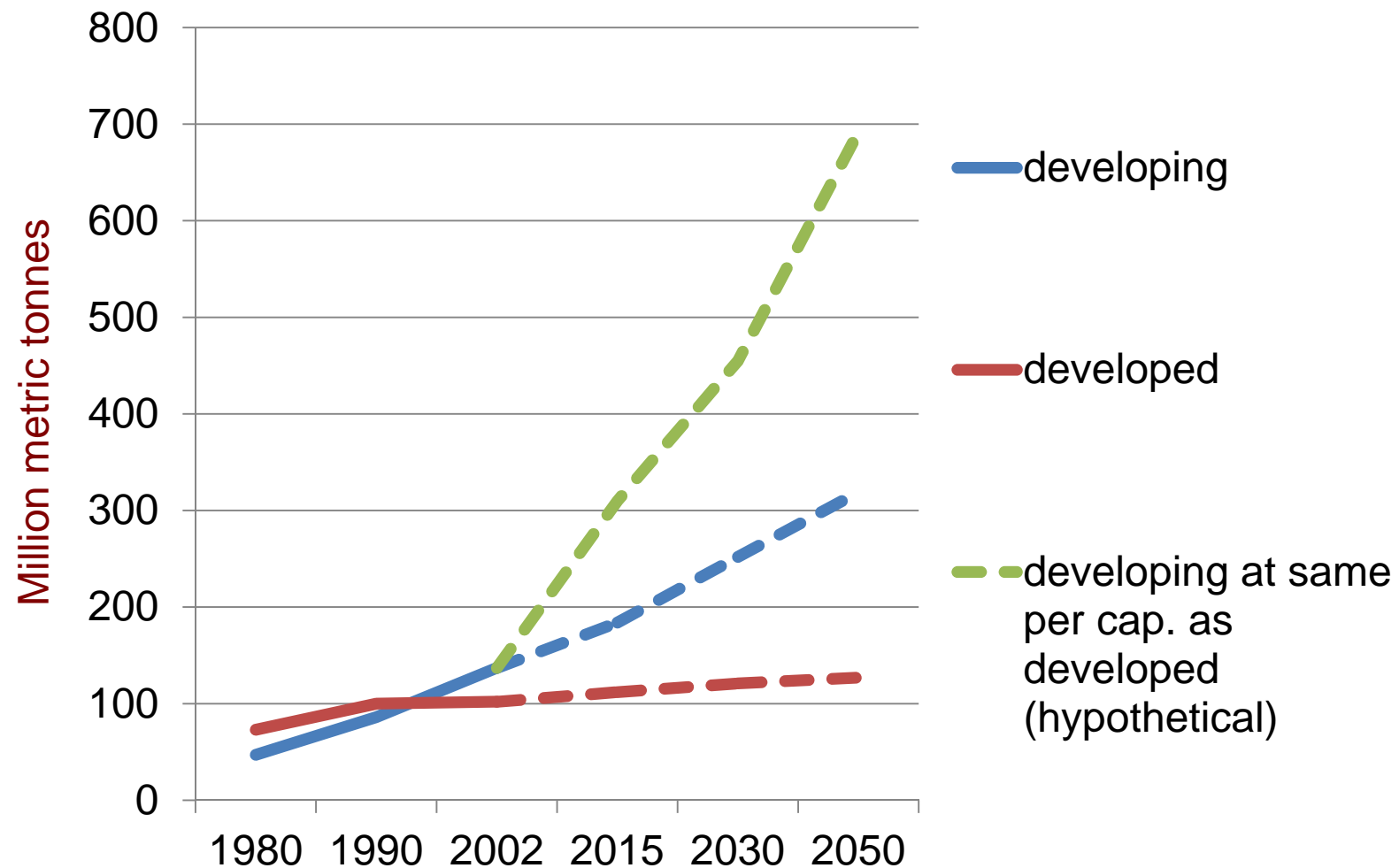
2015 GDP growth forecast



Percentage urban, 2014



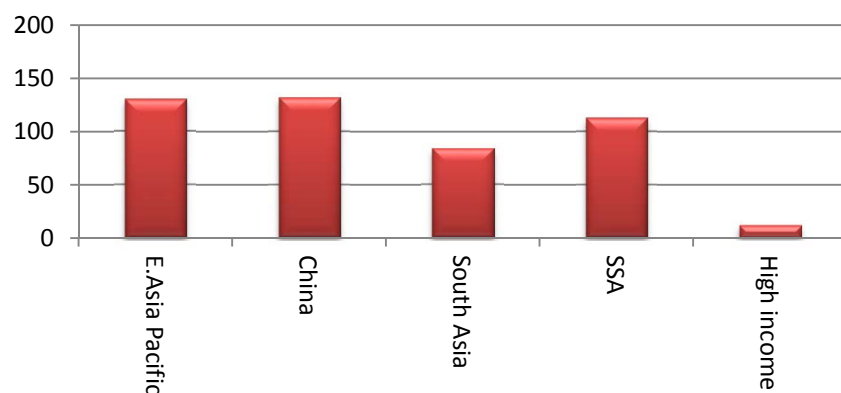
Gains in meat consumption in developing countries are outpacing those of developed



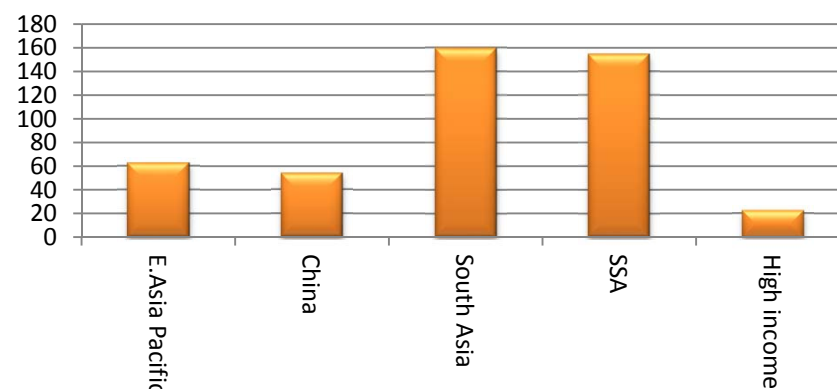
Africa's food import bill (2013): US \$ 44 billion
About one fifth is livestock (highest after cereals)

% growth in demand for livestock products

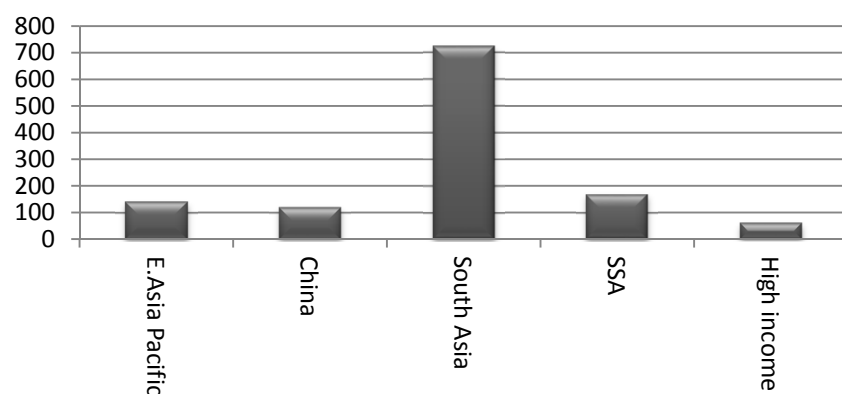
Beef



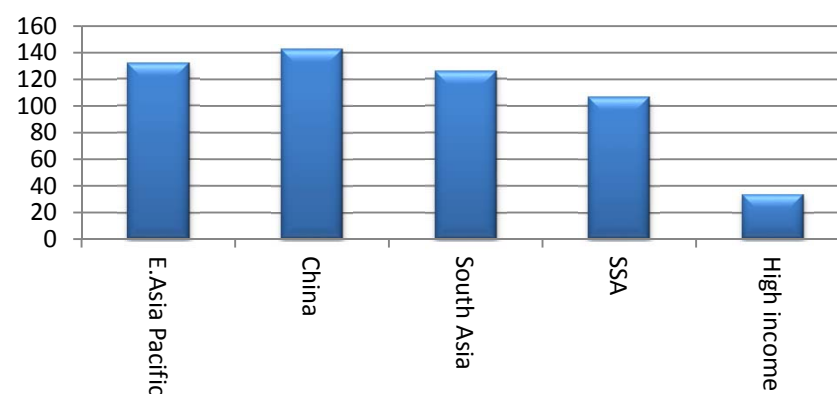
Pork



Poultry



Milk



What's special about animal/smallholder food?

- 90% of animal products are produced and consumed in the same country or region
- Most are produced by smallholders
- Over 70% of livestock products are sold 'informally'
- Almost 1 billion rely on livestock for livelihoods
- 43% of the agricultural workforce is female



Demand for livestock commodities in developing economies will be met – the only question is *how*

Scenario #1

Meeting livestock demand by
importing livestock products

Scenario #2

Meeting livestock demand by
importing livestock industrial production know-how

Scenario #3

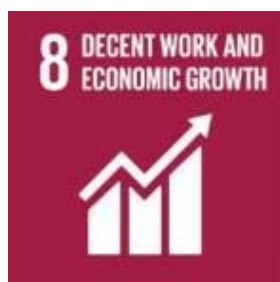
Meeting livestock demand by
transforming smallholder livestock systems



Policy conversations

.....the Sustainable Development Goals.....

.....livestock ‘bads’and
confusing messages.....



Livestock and inclusive,
sustainable
economic growth

Livestock and equitable
livelihoods

Animal source foods for
nutrition and health

Livestock and sustainable
ecosystems



SUSTAINABLE
DEVELOPMENT
GOALS

Processed meats rank along with smoking as cancer



<http://dx.doi.org/10.1016/j.worlddev.2015.08.009>

Milk in the Data: Food Security Impacts from a Field Experiment in Zambia

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Summary. — Smallholder livestock ownership has potential to enhance food security by raising the availability of nutrient-dense foods. This paper examines the staggered rollout of livestock using star results indicate that livestock ownership improves on farm and through increased consumption ex food economy to influence food consumption

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PHILOSOPHY
TRANSLATION

Food Safety in Low and Middle Income Countries

Della Grace

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Theme issue
compiled and edited

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Livestock

author:
Robert Goodla

Livestock and

The environment
accounts for a
co-authors of

Greenhouse gas emissions from livestock can be cut by 30%, says FAO

Food and Agriculture Organisation says farmers can slash emissions merely by adopting better methods



A herd of cattle in the hills near the village of Zol Mithoon in Cameroon. (Shutterstock)

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GLOBAL AGENDA FOR SUSTAINABLE LIVESTOCK

ILRI News

Apr
13
2012

A new global alliance for a safer, fairer and more sustainable livestock sector

Directorate, Environment, Epidemiology, Event Report, Food Security, ILRI, Livestock, PA, Pro-Poor Livestock, Spotlight

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OVERVIEW

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Challenges and opportunities

- Communicating:
 - Diversity
 - Complexity
- Balancing messages
 - ‘goods’
 - ‘bads’
 - Evidence based; not defensive
 - Opportunities (transition)

Sustainable animal food systems are a must

- **Productivity and efficiency:**
 - Sufficient food with lower environmental foot print: Animal health, genetics, feeding
- **Animal source foods:**
 - Safe, not wasted and consumed in appropriate quantities
- **Emerging challenges:**
 - Zoonotic diseases
 - Anti-Microbial Resistance





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